10/520127 10/20127 JC10 Rec'd PCT/PTO 21 JUN 2005

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

					In the state of th				
			MITTAL LETTER T GNATED/ELECTE	065691-0382					
				G UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/520,127				
	ERNATIO		APPLICATION NO.	INTERNATIONAL FILING DATE 07/01/2003	PRIORITY DATE CLAIMED 07/01/2002				
TITI	LE OF IN	VENTI							
APF	PLICANT(	(S) FO	OR DO/EO/US	· · · · · · · · · · · · · · · · · · ·					
App	Abdel Ha licant her	ewith	BEN AHMED et al. submits to the United Sta	ates Designated/Elected Office (DO/EO/US	s) the following items and other information:				
1.				f items concerning a filing under 35 U.S.C.	•				
2.	$\boxtimes$			EQUENT submission of items concerning a					
3.			is an express request to l s (5), (6), (9) and (21) indi		U.S.C. 371(f)). The submission must include				
4.		The l	US has been elected (Art	ticle 31).					
5.		A cor	py of the International Ap	oplication as filed (35 U.S.C. 371(c)(2))					
			is attached hereto (req	uired only if not communicated by the Inter	national Bureau).				
			has been communicate	ed by the International Bureau.					
			is not required, as the	application was filed in the United States R	eceiving Office (RO/US)				
6.		An Ei ⊠ □	is attached hereto.	on of the International Application as filed (3 ubmitted under 35 U.S.C. 154(d)(4).	35 U.S.C. 371(c)(2)).				
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  are attached hereto (required only if not transmitted by the International Bureau).  have been communicated by the International Bureau.  have not been made; however, the time limit for making such amendments has NOT expired.  have not been made and will not be made.							
8.		An Er	nglish language translation	on of the amendments to the claims under	PCT Article 19 (35 U.S.C. 371(c)(3)).				
9.		An oa	ath or declaration of the i	nventor(s) (35 U.S.C. 371(c)(4)).					
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
lten	ıs 11 to 2	20 belo	ow concern other docu	ment(s) or information included:					
11.		An In	iformation Disclosure Sta	atement under 37 CFR 1.97 and 1.98.					
12.		An as	ssignment document for	recording. A separate cover sheet in comp	pliance with 37 CFR 3.28 and 3.31 is included.				
13.		A Preliminary Amendment.							
ì		An Application Data Sheet under 37 CFR 1.76.							
15.			bstitute specification.						
16.		-	wer of attorney and/or cha	-					
17.		A con	mputer-readable form of the	the sequence listing in accordance with PC	Γ Rule 13 <i>ter.</i> 2 and 37 CFR 1.821 – 1.825				
18.		A sec	cond copy of the publishe	ed international application under 35 U.S.C.	154(d)(4).				
		A sec	cond copy of the English I	language translation of the international app	olication under 35 U.S.C. 154(d)(4).				
20.		Other	er items or information:						

U.S.	APPLICATION	Np III know	n see 37 CF	21.53	INTERNATIONAL APPLICATION PCT/FR03/02034	I NO.		ATTORNEY 065691-		CKET NUMBER		
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		national fe				\$	300.	00	\$	300.00		
		ination fee					5200.		\$	200.00		
lä	c) Search fee \$500.00			\$	500.00	<del></del>						
'	TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$	1000.00	<del>                                     </del>					
┝					wings filed in paper over				-	1000.00	<del>                                     </del>	
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tro	m the earlie	est claimed	<u> </u>		FR 1.492(e))							
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Inc	lependent (	Claims		- 3 =	0	x \$		200.00	\$	0.00		
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					TOTAL OF ABOV			IIONS =	\$	130.00	ļ <u>.</u>	
	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated + above are reduced by ½.					+	\$	0.00				
						s	UBT	OTAL =	\$	130.00		
Pr	ocessing fe	e of 130 0	0 for furnis	hing the	English translation later t	han 30 mo	onths		\$	0.00		
	_			_	<del>-</del>	nan 50 mo	) I I(I I I I	'	Ψ	0.00		
110	from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE =  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property  TOTAL FEES ENCLOSED =											
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Fe						\$	0.00	1				
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					<u>30.00</u> to cover the abo account No. <u>19-0741</u> in				to cover the above fees			
					t is enclosed.	are arrio	·	01 1200 (	0 00			
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	☐ Fe	es are to	be charg	je to a c	redit card. WARNING	Informat	tion o	on this fo	rm n	nay become pub	olic. <b>Credit car</b> d	
1 Na	Name/Numbgggg0520137											
	NOTE: Where an 13000 priate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.											
1.	137(a) or	(a)) musi	t be med	and gr	anted to restore the a	pplication	on u	о редин	الكمار	aius.		
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## Rec'd PCT/PTO 2 1 JUN 2005

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

	D	NSMITTAL LETTER TO THE UNITED STATES ESIGNATED/ELECTED OFFICE (DO/EO/US) ONCERNING A FILING UNDER 35 U.S.C. 371	065691-0382 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/520,127							
	ERNATIC PCT/FR0	NAL APPLICATION NO. INTERNATIONAL FILING DATE 07/01/2003	PRIORITY DATE CLAIMED 07/01/2002							
		/ENTION								
APF	PLICANT(	ACTUATOR OR GENERATOR WITH RODS S) FOR DO/EO/US	<del></del>							
1	Abdel Ha	mid BEN AHMED et al. ewith submits to the United States Designated/Elected Office (DO/EO/US	the following items and other information:							
١		-	· .							
1.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2.		This is a SECOND or SUBSEQUENT submission of items concerning a								
3.		This is an express request to begin national examination procedures (35 items (5), (6), (9) and (21) indicated below.	U.S.C. 371(f)). The submission must include							
4.		The US has been elected (Article 31).								
5.		A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
		is attached hereto (required only if not communicated by the Inter-	national Bureau).							
		has been communicated by the International Bureau.								
		is not required, as the application was filed in the United States R	eceiving Office (RO/US)							
6.	⊠	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  ☑ is attached hereto. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).								
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  are attached hereto (required only if not transmitted by the International Bureau).  have been communicated by the International Bureau.  have not been made; however, the time limit for making such amendments has NOT expired.  have not been made and will not be made.								
8.		An English language translation of the amendments to the claims under	PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
lten	ns 11 to 2	0 below concern other document(s) or information included:								
11.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12.		An assignment document for recording. A separate cover sheet in comp	liance with 37 CFR 3.28 and 3.31 is included.							
13.	$\boxtimes$	A Preliminary Amendment.								
14.		An Application Data Sheet under 37 CFR 1.76.								
15.		A substitute specification.								
16.		A power of attorney and/or change of address letter.								
17.		A computer-readable form of the sequence listing in accordance with PC	Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825							
18.		A second copy of the published international application under 35 U.S.C. $ \label{eq:condition} % \begin{center} \end{constraint} \begin{center} \end{center} cent$	154(d)(4).							
19.		A second copy of the English language translation of the international app	olication under 35 U.S.C. 154(d)(4).							
20.		Other items or information:								

	U.S. APPLICATION 1.5)					Y'S DOCKET NUMBER								
	10/520,127	7		1	PC 1/FR03/02034		003031	-0302						
	The	The following fees have been submitted:												
	21. Basic national fee \$300				300	\$	0.00							
	22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  \$100						\$	0.00						
	All other situations \$200													
	23. Search fee													
	1				n paid on the international	application	on to the							
	USPTO as an International Searching Authority \$100									}				
	International Search Report prepared and provided to the Office \$400													
	All other situat	All other situations \$500												
					22 and 23 =			\$	0.00					
	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.							\$	0.00					
	Total Sheets						RATE	<u> </u>						
	24 - 100 =	0	/50 =		0		x \$250.00	\$	0.00					
	Surcharge of S earliest claime				ath or declaration later tha 2(e))	n 30 mon	hs from the	\$	0.00					
	CLAIMS		NUMBER	FILED	NUMBER EXTRA	F	ATE	\$						
	Total Clair	ns	13	- 20 =	0	x \$	50.00	\$	0.00					
	Independent C	Claims	1	- 3 =	0	x \$	200.00	\$	0.00					
	MULTIPLE DE	PEND	NT CLAIM	S) (if ap	plicable)	+ \$	360.00	\$	0.00					
				\$	0.00									
	Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.								0.00					
				\$	0.00									
	Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							\$	130.00					
		-		\$	130.00									
	Fee for record accompanied	_		\$	0.00									
06/24/2005	SNAJARRO 0000	0138 1	0520127		TOTAL	FEES EN	ICLOSED =	\$	130.00					
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					Account No. <u>19-0741</u> in et is enclosed.	the amou	int of		to cover t	he above fees.				
1	<ul> <li>c.</li></ul>								d, or credit any					
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	NOTE: Who 1.137(a) or (	ere an b)) mu	appropria st be filed	ate time and gi	e limit under 37 CFR ranted to restore the In	1.495 ha ternatio	s not beer nal Applica	n met, ation to	a petition to a pending state	evive (37 CFR us.				
	SEND ALL C	ORRE	SPONDE	NCE TO	<b>)</b> :		SIGNATU	IFF.	Mas	<u> </u>				
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U.S. APPLICATION N								NEY'S DOCKET NUMBER				
1.5) PCT/FR03/02034 065691-0382												
The	The following fees have been submitted:											
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22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  \$100									0.00			
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1	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the  USPTO as an International Searching Authority \$100											
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sequence	listing	or computer	progra	rawings filed in paper over 1 m listing filed in an electroni paper or fraction thereof.				\$	0.00			
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	ant clair d by 1/2.		ity statu	us. See 37 CFR 1.27. Fees	above are	;	+	\$	0.00			
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nom the earlies	St Claim	eu phonty u	ale (37		AL NATIC	NAL FE	E =	\$	130.00			
4	•		-	nt (37 CFR 1.21(h)). The as eet (37 CFR 3.28, 3.31). 40	-		•	\$	0.00			
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a. ⊠ A cl	heck ir	the amou	nt of \$	130.00 to cover the above	e fees is	enclos	ed.			<u> </u>		
b. 🗌 Plea	b. Please charge my Deposit Account No. <u>19-0741</u> in the amount of to cover the above fees.								the above fees.			
A duplicate copy of this sheet is enclosed.  c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any												
overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed.												
d. Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.												
NOTE: Whe 1.137(a) or (b	ere an b)) mu	appropria st be filed	ate tim	ne limit under 37 CFR granted to restore the in	1.495 ha Iternatio	s not l nal Ap <sub>l</sub>	been plicat	met,	a petition to pending stat	revive (37 CFR		
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,

IN THE MATTER OF an Application in the United States of America for a patent under No PCT/FR2003/002034.

I, Mrs Pascale MERCIER, c/o ABBAYE TRADUCTIONS,

37, rue d'Amsterdam – 75008 PARIS / FRANCE, do solemnly and sincerely declare that I am conversant with the English and French languages and am a competent translator thereof, and that to the best of my knowledge and belief the following is a true and correct translation of the Patent application filed under No PCT/FR2003/002034.

Date: 10/01/2005

Signature:









United States Patent and Trademark Office

United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vincinia 22313-1450 www.capta.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/520,127 Abdel Hamid Ben Ahmed 065691-0382

INTERNATIONAL APPLICATION NO.

22428 **FOLEY AND LARDNER** SUITE 500 3000 K STREET NW WASHINGTON, DC 20007

PCT/FR03/02034 LA. FILING DATE PRIORITY DATE 07/01/2003 07/01/2002

**CONFIRMATION NO. 9559 371 FORMALITIES LETTER** \*OC000000015815408\*

Date Mailed: 04/22/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/03/2005
- Copy of the International Search Report filed on 01/03/2005
- Information Disclosure Statements filed on 01/03/2005
- Oath or Declaration filed on 04/06/2005
- U.S. Basic National Fees filed on 01/03/2005
- Priority Documents filed on 01/03/2005
- Power of Attorney filed on 04/06/2005

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(f)).

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:





• \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,127	PCT/FR03/02034	065691-0382

FORM PCT/DO/EO/905 (371 Formalities Notice)